



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/685,831
Filing Date	October 14, 2003
First Named Inventor	Harry Edward Dempster
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	30485-6

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
H		US- 6,229,225	05-08-2001	Carroll	
		US- 6,194,791	02-27-2001	Wells	
		US- 6,170,424	01-09-2001	Boerseth	
		US- 6,109,029	08-29-2000	Vowles et al.	
		US- 6,106,198	08-22-2000	Borseth	
		US- 6,100,600	08-08-2000	Pflanz	
		US- 5,710,464	01-20-1998	Kao et al.	
		US- 5,690,047	11-25-1997	Holmes	
		US- 5,549,445	08-27-1996	Schremp	
		US- 5,380,229	01-10-1995	Korsgaard	
		US- 5,066,867	11-19-1991	Shim	
		US- 4,560,884	12-24-1985	Whittecarr	
		US- 4,495,424	01-22-1985	Jost	
		US- 4,296,706	10-27-1981	Hughes	
		US- 4,290,381	09-22-1981	Penman	
		US- 4,279,124	07-21-1981	Schremp	
		US- 4,256,971	03-17-1981	Griffith	
		US- 3,988,592	10-26-1976	Porter	
		US- 3,431,879	03-11-1969	Westling	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number ** Kind Code <sup>5</sup> (if known)				
H		EP 0 950 812 B1	07-09-2003	Masuda		
		EP 0 750 365 B1	10-04-2000	Permascand AB		
		EP 0 677 008 B1	12-02-1998	Korsgaard		
		WO 9729949	08-21-1997	Petroleum		
		WO 9415828	07-21-1994	Korsgaard		
		JP 60112909 Abstract	06-19-1985	Hayashi Takeshi		

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Sheet	2	of	2
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## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
///		JP 57123317 Abstract	07-31-1982	Kawai Hiroshi et al.	

**Examiner  
Signature**

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10/28/07

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